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(71) Applicant (for all designated States except US): SMITH & NEPHEW, PLC [GB/GB]; 15 Adam Street, London WC2N 6LA (GB).

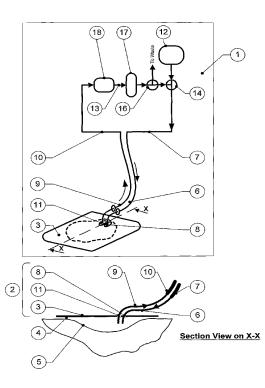
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): BLOTT, Patrick,

Lewis [GB/GB]; 16 Hodsow Fields, Barmby Moor, York YO24 4ER (GB). GREENER, Bryan [GB/GB]; 9 Beck Close, Elvington, York YO41 4BG (GB). HARTWELL, Edward, Yerbury [GB/GB]; 3 Haven Garth, Brough, Hull HU15 1EP (GB). LEE-WEBB, Julian [GB/GB]; 37 Moor Lane, Copmanthorpe, York YO23 3TJ (GB). NICHOLINI, Derek [GB/GB]; 38 Castle Rise, South Cave, Brough HU15 2ET (GB). GREEN, Clare [GB/GB]; 3 Howden Lane, Crockey Hill, York YO19 4SW (GB). MARTIN, Robin [GB/GB]; 4 Forge Close, Wheldrake, York YO19 6GF (GB).

- (74) Common Representative: DRAGGETT, Peter, Thornton; Smith & Nephew, York Science Park, Heslington, York YO10 5DF (GB).
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(54) Title: WOUND CLEANSING APPARATUS WITH STRESS



(57) Abstract: An apparatus for cleansing wounds with means for stressing the wound bed and optionally tissue surrounding the wound, in which irrigant fluid from a reservoir connected to a conformable wound dressing and wound exudate from the dressing are recirculated by a device for moving fluid through a flow path which passes through the dressing and a means for fluid cleansing and back to the dressing. The cleansing means (which may be a single-phase, e.g. micro-filtration, system or a two-phase, e.g. dialytic system) removes materials deleterious to wound healing, and the cleansed fluid, still containing materials that are beneficial in promoting wound healing, is returned to the wound bed. The means for stressing the wound bed and optionally tissue surrounding the wound promotes wound healing. The dressing and a method of treatment using the apparatus.

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